

Exhibit 43

ADVANCED CARDIOVASCULAR SYSTEMS
EXTRUSION DATA SHEET

START TIME: EXTRUSION #: 10-595-1 AMOUNT (FEET): 1000
FINISH TIME: DATE: 6/8/94 SIGNATURE/DATE Jim 6-8-94

MATERIALS : MATERIAL DESC. LOT# : RM#

PEEK

EXTRUDER 10 PROCESS PERSON T.T9MAS
REQUESTOR S.S.
PRODUCT 1315 SA#
SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH EXPERIMENTAL Y
DIE I.D. .199 OVAL N ROUND Y PRODUCTION N
MANDREL O.D. .166 XHEAD Y STRAIGHT N
SCREW TYPE PE-4770-3
SCREEN TYPE 20 80 20
START ID/OD .032/.038
FINISH ID/OD .032/.038

PROCESS PARAMETERS

TEMPERATURE SETPOINTS				SPEEDS & SETPOINTS		PSI & AIR	
ZONE 1	565.0	MELT	<u>844</u> 0.0	SCREW RPM	2.0	HEAD PSI	792.0
ZONE 2	650.0	DIE	1 32.0	PSI SET	1259.0	DIE PSI	1259.0
ZONE 3	715.0	DIE	2 0.0	EXTR. AMP	9.1	AIR PSI 1	0.2
CLAMP	715.0	DIE	3 715.0	PUL SPEED	.58	2	1.0
INLET	715.0	W/B TEMP	0.0	W/B DIST.	1 INCH	3	0.3
G/PUMP	0.0					4	0.3
PMP OUT	565.0						
XHEAD	0.0						
MATERIAL DRYING TMP. <u>300°F</u>				DEWPOINT <u>-54</u>		# OF HRS DRYING <u>36</u>	

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL 1	ACTUAL 2	ACTUAL 3	ACTUAL 4	ACTUAL 5
G/PUMP PSI	1270	1242			
PUMP AMP	0	0			
SCREW RPM	2	2			
EXTRUDER AMP	11	9			
PULLER SPEED					
BARREL 1	813	785			
BARREL 2	0	0			
BARREL 3	0	0			
HEAD PSI	1270	1242			
TUBING O.D.	0.0000	0.0000			
AVG.DIA.	0.0000	0.0000			
AVG.STD.DEV.	0.0000	0.0000			

ADVANCED CARDIOVASCULAR SYSTEMS
EXTRUSION DATA SHEET

START TIME: EXTRUSION #: 10-597-1 AMOUNT (FEET): 1000
FINISH TIME: DATE: 6/8/94 SIGNATURE/DATE Jim 6-8-94

MATERIALS : MATERIAL DESC. LOT# : RM#

PEEK

EXTRUDER 10 PROCESS PERSON T.T9MAS
REQUESTOR S.S.
PRODUCT 1315 SA#
SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH EXPERIMENTAL Y
DIE I.D. .199 OVAL N ROUND Y PRODUCTION N
MANDREL O.D. .166 XHEAD Y STRAIGHT N
SCREW TYPE PE 4770-3
SCREEN TYPE 20 80 20
START ID/OD .032/.038
FINISH ID/OD .032/.038

PROCESS PARAMETERS

TEMPERATURE SETPOINTS				SPEEDS & SETPOINTS		PSI & AIR	
ZONE 1	565.0	MELT	802	SCREW RPM	2.1	HEAD PSI	733.0
ZONE 2	650.0	DIE	1	PSI SET	1184.0	DIE PSI	1185.0
ZONE 3	675.0	DIE	2	EXTR. AMP	7.4	AIR PSI 1	0.2
CLAMP	675.0	DIE	3	PUL SPEED	.58	2	0.7
INLET	675.0	W/B TEMP	0.0	W/B DIST.	60 IN	3	0.3
G/PUMP	0.0					4	0.3
PMP OUT	565.0						
XHEAD	0.0						
MATERIAL DRYING TMP. <u>300°F</u>				DEWPOINT <u>-51</u>		# OF HRS DRYING <u>36</u>	

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL 1	ACTUAL 2	ACTUAL 3	ACTUAL 4	ACTUAL 5
G/PUMP PSI					
PUMP AMP					
SCREW RPM					
EXTRUDER AMP					
PULLER SPEED					
BARREL 1					
BARREL 2					
BARREL 3					
HEAD PSI					
TUBING O.D.					
AVG.DIA.					
AVG.STD.DEV.					

R&D EXTRUSION REQUEST FORM

- NOT TO BE USED FOR CLINICAL RUNS -
(See Final Production Control to Schedule Clinicals)

Date : 6/8/94

Requester : Steve Schaible Ext. # : 53948

Dept Name : Extrusion Dept. # : 1434

Product : Next .014 Product : Pex shaft Doc

Product # : 1315

Reference (Document Previous Ext. #) : (SA, MC, or)

% Material : MFG or ACS MFG ACS or MFG Lot #

100 Victrex PEEK 3816

Quantity : 1 Reel(s) with 1000 Feet each.

or Cut Places Cm. Piece

Refinement (use : Mil rods {1000 ft - 30 to 40 ft to each end for better})

Tooling (if known) : Die : .199 To be designed Y or N

Mandrel : .166 Y or N

Screw : PE 4770-3 Y or N

Dimensions (on to all that apply) : % Conc. :

Quality :

Special Instructions : Screw speed = 2.0 rpm

Air gap = 60"

Dye Temp = 715°F

Please Illustrate Tubing Dimensions Below
(Circle Appropriate Letter and Fill in All that Apply)

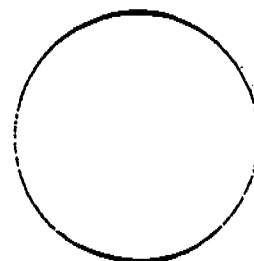
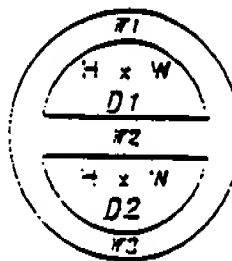
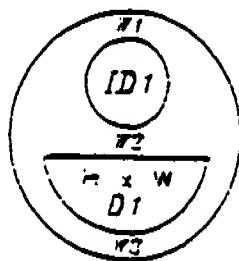
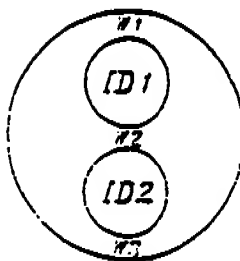
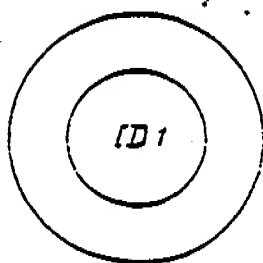
A

(B)

C

D

(Other)



OD-X .038 +/- .001

Height -/-

OD-Y .038 +/- .001

= D1

Width -/-

W1 -/-

ID1 .032 +/- .001

Height -/-

= D2

Width -/-

W2 -/-

W3 -/-

ID2 -/-

ADVANCED CARDIOVASCULAR SYSTEMS
EXTRUSION DATA SHEET

START TIME: EXTRUSION #: 10-596-1 AMOUNT (FEET): 1000
FINISH TIME: DATE: 6/8/94 SIGNATURE/DATE: Jim C-S-94

MATERIALS : MATERIAL DESC. LOT# : RM#

PEEK

EXTRUDER 10 PROCESS PERSON T.T9MAS
REQUESTOR S.S.
PRODUCT 1315 SA#
SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH EXPERIMENTAL Y
DIE I.D. .199 OVAL N ROUND Y PRODUCTION N
MANDREL O.D. .166 XHEAD Y STRAIGHT N
SCREW TYPE PE H770-3
SCREEN TYPE 20 80 20
START ID/OD .032/.038
FINISH ID/OD .032/.038

PROCESS PARAMETERS

TEMPERATURE SETPOINTS				SPEEDS & SETPOINTS		PSI & AIR	
ZONE 1	565.0	MELT	<u>844</u> 0.0	SCREW RPM	2.0	HEAD PSI	752.0
ZONE 2	650.0	DIE	1 32.0	PSI SET	1219.0	DIE PSI	1210.0
ZONE 3	715.0	DIE	2 0.0	EXTR. AMP	9.4	AIR PSI 1	0.3
CLAMP	715.0	DIE	3 715.0	PUL SPEED	.58	2	0.7
INLET	715.0	W/B TEMP	0.0	W/B DIST.	60 IN	3	0.3
G/PUMP	0.0					4	0.3
PMP OUT	565.0						
XHEAD	0.0						
MATERIAL DRYING TMP. <u>300F</u>				DEWPOINT <u>-51</u>		# OF HRS DRYING <u>36</u>	

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL 1	ACTUAL 2	ACTUAL 3	ACTUAL 4	ACTUAL 5
G/PUMP PSI					
PUMP AMP					
SCREW RPM					
EXTRUDER AMP					
PULLER SPEED					
BARREL 1					
BARREL 2					
BARREL 3					
HEAD PSI					
TUBING O.D.					
AVG.DIA.					
AVG.STD.DEV.					

R&D EXTRUSION REQUEST FORM

- NOT TO BE USED FOR CLINICAL RUNS -
(See Final Production Control to Schedule Checks)

Date : 6/8/94

Requester : Steve Schaible Ext. # : 53948

Dept Name : Extrusion Dept. # : 1434

Project : Next .014 Product : Pex shaft Doc

Project # : 1315

Reference (Document Previous Ext. #) : (SA, MC, or)

% Material : MFO or ACS MM 1 ACS or MFO Lot #

100 Victrex PEEK 3816

Quantity : 1 Reel(s) with 1000 Feet each.

or Cut Pieces Cut. Piece(s)

Reduction Hose : MIRods (1000 ft - 30 to 40 ft to each end for handle)

Length (ft known) : Die : .199 to be designed
Y or N

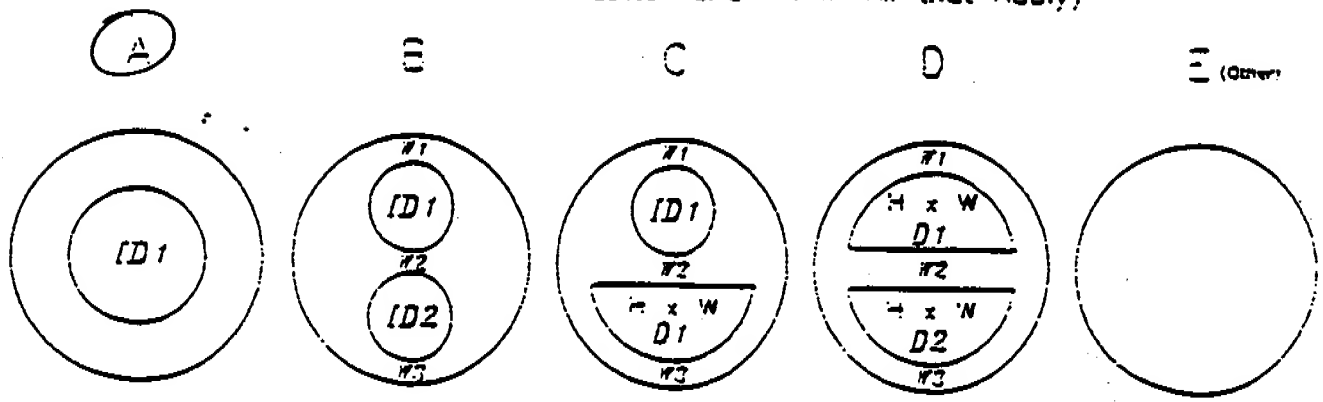
Mandrel : .166 Y or N

Screw : PE 4770-3 Y or N

Dimensions (in to 4th decimal) :
% Conc. :
Ovality :
Special Instructions : Screw speed = 2.0 rpm

Air gap = 1.0"
Die Temp = 715°F

Please Illustrate Tubing Dimensions Below
(Circle Appropriate Letter and Fill in All that Apply)



OD-X .038	+/- .001	Height	-/-	
OD-Y .038	+/- .001	= D1		W1 -/-
ID1 .032	+/- .001	Width	-/-	W2 -/-
ID2		= D2		W3 -/-
		Height	-/-	
		Width	-/-	

R&D EXTRUSION REQUEST FORM

- NOT TO BE USED FOR CLINICAL RUNS -
(See Final Production Control to Schedule Clinicals)

Date : 6/8/94

Requester : Steve Schabig Ext. # : 53948

Dept Name : Extrusion Dept. # : 1434

Project : Next .014 Product : Pex shaft DOE

Project # : 1315

Reference Document (SA, MC, or previous Ext. #) _____

% Material : _____ MRO or ACS RM / _____ ACS or MRO Lot /

100 Victrax PEEK 3816

Quantity : 1 Reel(s) with 1000 Feet each.

or _____ Cut Pieces _____ Cm. [Per: 3816]

Reduction Inse : _____ MRods {1000 ft - see note to each end for better}

Length (if known) : 116 : .094 To be designed Y or N

Mandrel : -072 Y or N

Screw : PE 4770-3 Y or N

Dimensions (see to all that apply) : % Conc. : _____

Ovality : _____

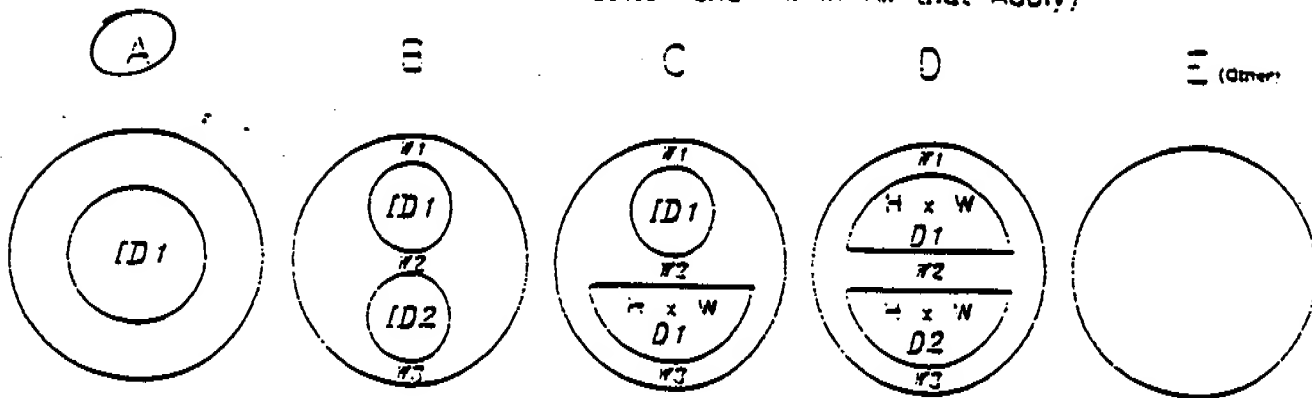
Special Instructions : Screw speed = 2.0 rpm

Air gap = 1.0"

Die Temp = 715°F

Please Illustrate Tubing Dimensions Below
(Circle Appropriate Letter and Fill in All that Apply)

(Other)



OD-X .038 +/- .001

OD-Y .038 +/- .001

ID1 .032 +/- .001

ID2 _____

Height _____ -/-

= D1

Width _____ -/-

Height _____ -/-

= D2

Width _____ -/-

W1 _____ -/-

W2 _____ -/-

W3 _____ -/-

R&D EXTRUSION REQUEST FORM

- NOT TO BE USED FOR CLINICAL RUNS -
(See Prod Production Control to Schedule Clinicals)

Date : 6/8/94

Requester : Steve Schaub Ext. # : 53948

Dept Name : Extrusion Dept. # : 1434

Product : Next .014 Product : Box shaft DOE

Product # : 1315

Reference (Document Previous Ext. #)

Material : Victrex PEEK 3816 MRO or ACS M/L 1 ACS or MRO Lot #

Quantity : 1 Reel(s) with 1000 Feet each.

or 0 Cut Pieces 0 Cm. [Per. 30"]

Reduction (Use : 0 M/Rods {1000 ft - 30" to guide to each end for leader})

Loading (If known) : Die : .199 To be designed Y or N

Mandrel : .166 Y or N

Screw : PE 4770-3 Y or N

Dimensions (Per to Prod Prod) : % Conc. : 0 Ovality : 0

Special Instructions : Screw speed = 2.0 rpm

Ang. app = 1.0"

Die Temp = 675°F

Please Illustrate Tubing Dimensions Below
(Circle Appropriate Letter and Fill in All that Apply)

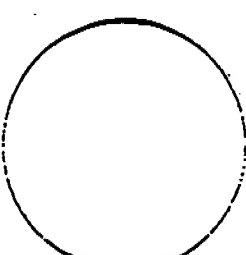
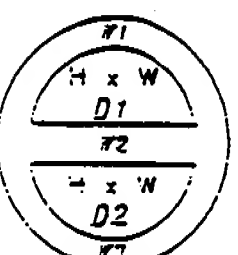
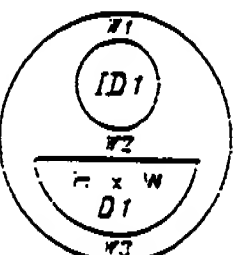
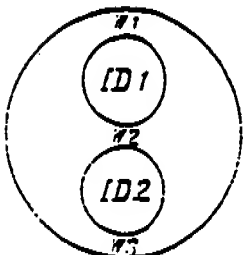
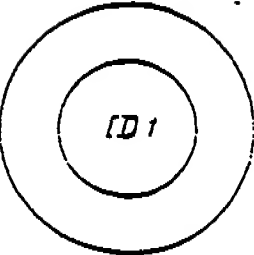
A

(1)

C

D

(1) (Other)



OD-X .038 +/- .001

OD-Y .038 +/- .001

ID1 .032 +/- .001

ID2 0 +/- 0

Height 0 +/- 0

= D1

Width 0 +/- 0

Height 0 +/- 0

= D2

Width 0 +/- 0

W1 0 +/- 0

W2 0 +/- 0

W3 0 +/- 0

Advanced Cardiovascular Systems

AS

R&D EXTRUSION REQUEST FORM

- NOT TO BE USED FOR CLINICAL RUNS -
(See Final Production Control to Schedule Clinicals)

Date : 6/8/94

Requester : Steve Schaible Ext. # : 53948

Dept Name : Extrusion Dept. # : 1434

Product : Next .014 Product : Pex shaft DOE

Project # : 1315

Reference Document (SA, MC, or Previous Ext. #) _____

% Material : _____ Mfg or ACS Part # _____ ACS or Mfg Lot # _____

100 Victrex PEEK 3816

Quantity : 1 Reel(s) with 1000 Feet each.

or _____ Cut Pieces _____ Ctn. # (if applicable)

Production House : _____ Mfrs (1000 ft - mfr's only to each end for header)

Length (ft. minimum) : _____ Dia : .094 To be designed Y or N

Material : .072 Y or N

Screw : PE 4770-3 Y or N

Dimensions (in. to 3rd decimal) : _____ % Conc. : _____

Drillily : _____

Special Instructions : Screw speed = 2.0 rpm

Air gap = 60"

Die Temp = 715°F

Please Illustrate Tubing Dimensions Below
(Circle Appropriate Letter and Fill in All that Apply)

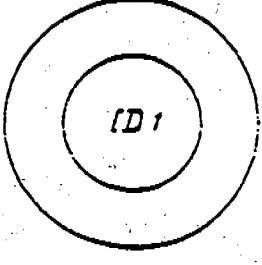
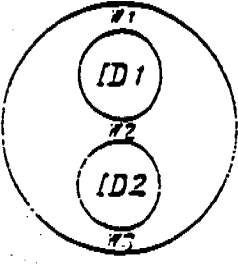
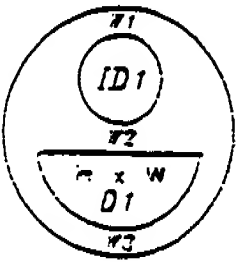
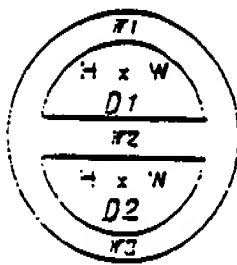
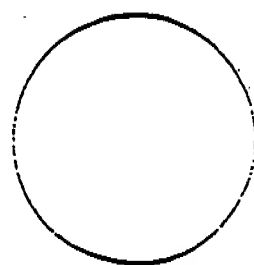
(Other)

D

C

(E)

A



Height _____ -/- _____

= D1

Width _____ -/- _____

W1 _____ -/- _____

W2 _____ -/- _____

W3 _____ -/- _____

OD-X .038 +/- .001

OD-Y .038 +/- .001

ID1 .032 +/- .001

ID2 _____ -/- _____

Height _____ -/- _____

= D2

Width _____ -/- _____

R&D EXTRUSION REQUEST FORM

- NOT TO BE USED FOR CLINICAL RUNS -
(See Pilot Production Control to Schedule Clinicals)

Date : 6/8/94

Requester : Steve Schaible Ext. # : 53948

Dept Name : Extrusion Dept. # : 1434

Product : Next .014 Product : Pack shaft DOE

Product # : 1315

Reference Document (SA, MG, or I) Previous Extr. #

Material : MFG or ACS MFG ACS or MFG lot #

100 Vicorex PEEK 3816

Quantity : 1 Reel(s) with 1000 Feet each.

or Cut Pieces Cnt. [1000 ft]

Insulation (use : MI rods (1000 ft - 20 ft per rod) to be designed

Tooling (if known) : Die : .199 Y or N

Mandrel : .166 Y or N

Screw : PE 4770-3 Y or N

Dimensions (see to all that apply) : % Conc. :
Ovality :

Special Instructions : Screw speed = 2.0 rpm

Air gap = 60"

Dye Temp = 675°F

Please Illustrate Tubing Dimensions Below
(Circle Appropriate Letter and Fill in All that Apply)

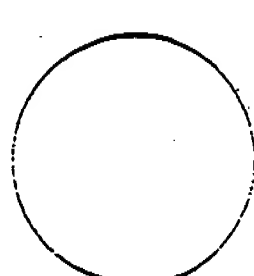
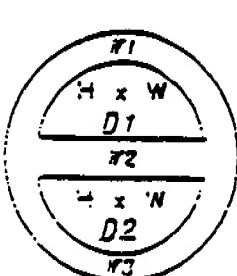
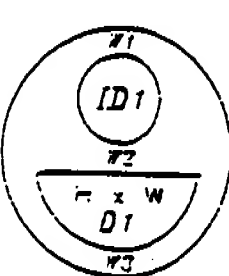
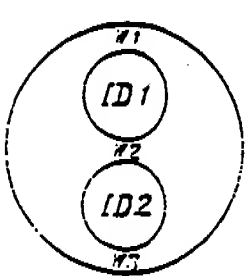
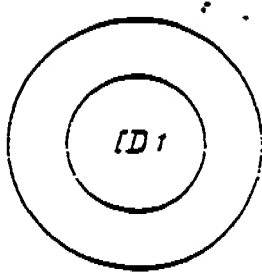
A

(B)

C

D

(Other)



OD-X .038 +/- .001

OD-Y .038 +/- .001

ID1 .032 +/- .001

ID2 +/-

Weight -/-

= D1 -/-

Weight -/-

= D2 -/-

Weight -/-

= D2 -/-

Weight -/-

= D2 -/-

#1 -/-

#2 -/-

#3 -/-

ADVANCED CARDIOVASCULAR SYSTEMS
EXTRUSION DATA SHEET

START TIME: EXTRUSION #: 10-596-1 AMOUNT (FEET): 1000
FINISH TIME: DATE: 6/8/94 SIGNATURE/DATE Jim 6-8-94

MATERIALS : MATERIAL DESC. LOT# : RM#

PEEK

EXTRUDER 10 PROCESS PERSON T.T9MAS
REQUESTOR S.S.
PRODUCT 1315 SA#
SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH EXPERIMENTAL Y
DIE I.D. .199 OVAL N ROUND Y PRODUCTION N
MANDREL O.D. .166 XHEAD Y STRAIGHT N
SCREW TYPE PE 4770-3
SCREEN TYPE 20 80 20
START ID/OD .032/.038
FINISH ID/OD .032/.038

PROCESS PARAMETERS

TEMPERATURE SETPOINTS		SPEEDS & SETPOINTS		PSI & AIR			
ZONE 1	<u>560.0</u> MELT	<u>796</u> 0.0	SCREW RPM	2.1	HEAD PSI	866.0	
ZONE 2	<u>650.0</u> DIE	1	32.0	PSI SET	1305.0	DIE PSI	1315.0
ZONE 3	675.0 DIE	2	0.0	EXTR. AMP	9.4	AIR PSI	1 0.2
CLAMP	675.0 DIE	3	675.0	PUL SPEED	.58		2 0.7
INLET	675.0 W/B TEMP	0.0	W/B DIST. I INCH				3 0.3
G/PUMP	0.0						4 0.3
PMP OUT	<u>565.0</u>						
XHEAD	0.0						
MATERIAL DRYING TMP. <u>300F</u>		DEWPOINT <u>-51</u>		# OF HRS DRYING <u>36</u>			

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL 1	ACTUAL 2	ACTUAL 3	ACTUAL 4	ACTUAL 5
G/PUMP PSI					1312
PUMP AMP					0
SCREW RPM					2
EXTRUDER AMP					9
PULLER SPEED					
BARREL 1					844
BARREL 2					0
BARREL 3					0
HEAD PSI					1312
TUBING O.D.					0.0000
AVG.DIA.					0.0000
AVG.STD.DEV.					0.0000

R&D EXTRUSION REQUEST FORM

- NOT TO BE USED FOR CLINICAL RUNS -
(See Final Production Control to Schedule Clinicals)

Date : 6/8/94

Requester : Steve Schaible Ext. # : 53948
Dept Name : Extrusion Dept. # : 1434
Product : Next .014 Product : Prox shaft DOE
Project # : 1315

Reference Document (SA, MC, or Previous Extr. #) _____

% Material : _____ MFG or ACS MFG _____ ACS or MFG Lot # _____
100 Victrex PEEK 3816

Quantity : 1 reel(s) with 1000 Feet each.

or _____ Cut Pieces _____ Ctn. # : _____

Reel/Reel Hose : _____ M/Rods _____ (1000 ft. or as ordered to each end for leader)

Leading (if known) : Die : .044 to be designed Y or N

Mandrel : .072 Y or N

Screw : PE 4770-3 Y or N

Dimensions (see to all that apply) : % Conc. : _____
Ovality : _____

Special Instructions : Screw speed = 2.0 rpm

App = 1.0"
Die Temp = 675°F

Please Illustrate Tubing Dimensions Below
(Circle Appropriate Letter and Fill in All that Apply)

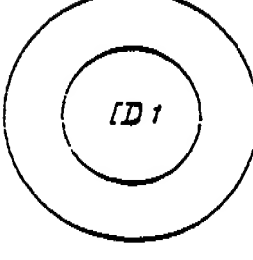
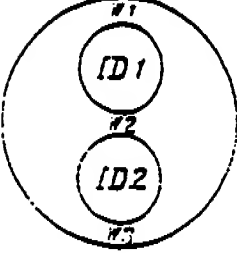
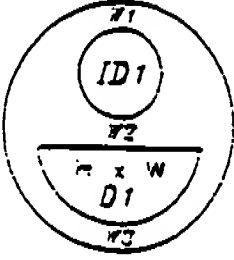
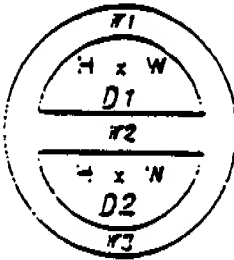
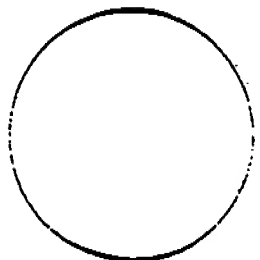
(Other)

D

C

(E)

A



OD-X .038 +/- .001

OD-Y .038 +/- .001

ID1 .032 +/- .001

ID2 _____

Height _____ -/-

= D1

Width _____ -/-

Height _____ -/-

= D2

Width _____ -/-

W1 _____ -/-

W2 _____ -/-

W3 _____ -/-